FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

03-01-2001

101624514

RECORDATION FORM COVER SHEET

U.S. Department of Commerce Patent and Trademark Office PATENT

PATENTS O	NEY WAR
TO: The Commissioner of Patents and Trademarks: Please record t	he attached original document(s) or copy(les).
Submission Type Conveyance	
X New X Assignmen	t Security Agreement
Resubmission (Non-Recordation) Document ID#	Change of Name
Correction of PTO Error Reel # Frame # Merger	U.S. Government
Corrective Document (F	or Use ONLY by U.S. Government Agencies) Departmental File Secret File
Conveying Party(ies) X Mark if addition	onal names of conveying parties attached Execution Date
Name (line 1) Michael S. Nixon	Month Day Year
Name (line 2)	
Second Party	Execution Date Month Day Year
Name (line 1) Ranjit Singh	12 04 00
Name (line 2)	69762507
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) Schlumberger Technology Corporation	If document to be recorded is an assignment and the receiving party is not
Name (line 2)	domiciled in the United States, an appointment of a domestic
Address (line 1) 300 Schlumberger Drive	representative is attached. (Designation must be a separate document from
Address (line 2)	Assignment.)
Address (line 3) Sugar Land TX State/Cour	
Domestic Representative Name and Address	nter for the first Receiving Party only.
Name Jeffery E. Daly	
Address (line 1) Schlumberger Oilfield Services	
Address (line 2) 7211 North Gessner	
Address (line 3) Houston, TX 77040	
Address (line 4) FOR OFFICE USE	ONLY
210: EAHMED: 00000003 180584 09702507	
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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20593. See OMB D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Paperwork Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Information Reduction Project (9651-9027), Washington, D.C. 20231 and to the Office of Informati

Mall documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

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REEL: 011538 FRAME: 0530

FORM PTO Expires 06/30/99 OMB 0651-0027	-1619B	Page	⊋ 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Ad	dress Area Code an	d Telephone Numbe	r (713)924-5556
Name [Jeffery E. Daly			
Address (line 1)	Schlumberger Oil	field Services		FFB - 9 2001
Address (line 2)	7211 North Gessr	ner		TEB .
Address (line 3)	Houston, TX 770	40		
Address (line 4)				
Pages	Enter the total num including any attac	ber of pages of the attack	ned conveyance doc	The Principal Control of the Control
Application I	Number(s) or Pat	ent Number(s)	Mark	if additional numbers attached
Pate 09/702,507 If this document is signed by the first Patent Coop Enterent Coop has the control of the contr	s being filed together with t named executing inventor eration Treaty (Pr PCT application nuif a U.S. Application not been assigned.	a new Patent Application, enter or. CT) PCT	Pate	ation was Month Day Year PCT
Number of P		ter the total number of pr		# 1
	of Payment:	unt or if additional fees can be c Deposit Account I	posit Account X	# 180584
l .	and Signature best of my knowled ed copy is a true co	lge and belief, the forego py of the original docum	ing information is treent. Charges to depo	ue and correct and any osit account are authorized, as

Signature

indicated herein.

Jeffery E. Daly, Reg. No. 44,640

Name of Person Signing

PATENT REEL: 011538 FRAME: 0531

February 6, 2001

Date

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying I	Party(ios)				<u> </u>
	Conveying Parties	Mark if additi	onal names of conveying	parties attached	Execution Date
Name (line 1)	Jeffery E. Daly				Month Day Year
Name (line 2)					10 31 00
ivalie (inie 2)					Execution Date
Name (line 1)			FEB -	<u>9 2331 </u>	Month Day Year
Name (ii- a)					
Name (line 2)					Execution Date
Name (line 1)					Month Day Year
					<u></u>
Name (line 2)					
Receiving P	- '		Mark if additional names	of receiving part	ties attached
	Receiving Party(les)				
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domicifed in the United
Address (line 1)					States, an appointment of a domestic representative
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	L				is attached. (Designation must be a separate
Address (line 2)					document from Assignment.)
Address (line 3					
Address (line 3	City	<u></u>	State/Country	Zip Co	ode
Name (line 1)					If document to be recorded
					is an assignment and the receiving party is not
Name (line 2)					domiciled in the United States, an appointment of a domestic representative is
Address (line 1)					attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (inte 2)					
Address (line 3)	City		State/Country	Zip	Code
Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
			DO NOT ENTER BOTH I	Patent Num	ber(s)
P	atent Application Number	er(s)			
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PATENT

REEL: 011538 FRAME: 0532

ASSIGNMENT

WHEREAS, we, Michael S. Nixon, Ranjit Singh and Jeffery E. Daly, are citizens of the United States of America, have made an invention in ROLLING CUTTER DRILL BITS for which we have executed an application for United States Letters Patent on the 31st day of October 2000.

WHEREAS, we represent and warrant that we are the sole owners of said invention and application for Letters Patent;

WHEREAS, Schlumberger Technology Corporation, 300 Schlumberger Drive, Sugar Land, Texas 77478, USA, hereinafter referred to as "ASSIGNEE", is desirous of acquiring all rights, title and interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by us, we have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the all rights, title and interest in and to (a) said invention and world-wide rights therein, (b) said application, including all divisions, continuations, continuations-in-part and substitutions thereof, and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment and sale not been made.

We covenant and agree that we will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said ASSIGNEE, it successors and assigns to said invention, application and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as necessary to give full force and effect to this assignment.

We hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent based on said application and all said divisions, continuations, continuations-in-part, reissues, renewals and extensions to said ASSIGNEE, its successors and assigns.

PATENT REEL: 011538 FRAME: 0533

IN TESTIMONY WHEREOF, I have duly executed this assignment on this $31^{\frac{57}{2}}$ day of October, 2000.
Michael S. Nixon
COUNTY OF HARRIS § STATE OF TEXAS §
BEFORE me, the undersigned authority, on this day personally appeared Michael S. Nixon, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.
GIVEN under my hand and seal of office this 3/ day of October, 2000.
THERESA L. RIDOUT NOTARY PUBLIC, STATE OF TEXAS MY COMMISSION EXPIRES MAY 3, 2001 MAY 3, 2001
IN TESTIMONY WHEREOF, I have duly executed this assignment on this 4 day of, 2000.
Ranjit Singh
COUNTY OF HARRIS § STATE OF TEXAS §
BEFORE me, the undersigned authority, on this day personally appeared Ranjit Singh, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed. GIVEN under my hand and seal of office this day of
2000.
THERESA L. RIDOUT NOTARY PUBLIC, STATE OF TEXAS MY COMMISSION EXPIRES MAY 3, 2001 MAY 3, 2001

PATENT REEL: 011538 FRAME: 0534

IN TESTIMONY	WHEREOF, I have du 2000.	ly executed this	assignment	on this	31 day of
	,	0	£ 60	R	

Jeffery E. Daly

COUNTY OF HARRIS § STATE OF TEXAS §

2000.

BEFORE me, the undersigned authority, on this day personally appeared Jeffery E. Daly, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 31 day of October,



PATENT

-REEL: 011538 FRAME: 0535

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael S. Nixon, et al.

Serial No.: 09/702,507

Filed: October 31, 2000

For: ROLLING CUTTER DRILL BITS

Art Unit No.: 3672

Art Unit No.: 367

Examiner:

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Docket No.: 78.0501-1

TRANSMITTAL LETTER

February 6, 2001

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

02/06/01 Date Maus - Celous Signature

Enclosed in connection with the above-captioned application are:

- 1. Transmittal Letter
- 2. PTO-1619A RECORDATION FORM COVER SHEET
- 3. Assignment
- 4. Return Receipt Card

The Commissioner is hereby authorized to charge Deposit Account No. 180584 in the amount of \$40.00, fee amount for Properties Listed (37 CFR 3.41). The Commissioner is also authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment to Deposit Account No. 180584.

Respectfully submitted,

John E Kaly

Jeffery E. Daly

Reg. No. 44,640

Schlumberger Oilfield Services 7211 North Gessner

RECORDED: 02/09/2001

Houston, TX 77040

Ph: 713-934-6725 Fax: 713-934-6669 e-mail: <u>idaly@slb.com</u>

PATENT

REEL: 011538 FRAME: 0536